

WE CLAIM:

1. An electrical connector comprising:
  - an insulative housing comprising a supporting portion, a mating portion above the supporting portion, and a channel defined in the mating portion;
  - an inner shell enclosing the mating portion and comprising a grounding leg extending into the channel;
  - an outer shell enclosing both the insulative housing and the inner shell;
  - a plurality of terminals extending through the mating portion and being enclosed by the inner shell; and
  - a grounding tab comprising an intermediate portion, a contacting portion extending from the intermediate portion, and a solder tail extending from the intermediate portion opposite to contacting portion, the contacting portion extending into the said channel and parallel electrically connecting to the grounding leg of the inner shell.
2. The electrical connector as described in claim 1, wherein the inner shell comprises an upper wall, a lower wall and a pair of side walls connecting the upper wall and the lower wall.
3. The electrical connector as described in claim 2, wherein the grounding leg extends rearwardly and from one of the lower wall.
4. The electrical connector as described in claim 2, wherein the grounding leg extends from one of the two opposed side walls.
5. The electrical connector as described in claim 1, wherein the grounding leg comprises a projection protruded therefrom.
6. The electrical connector as described in claim 1, wherein the mating

portion comprises a upper wall, a lower wall and a pair of opposite side walls connecting the upper wall and the lower wall, and wherein the upper wall, the bottom wall and the side walls define a receiving space therebetween.

7. The electrical connector as described in claim 6, wherein the channel is defined in the lower wall of the insulative housing and communicates with the receiving space.

8. The electrical connector as described in claim 7, wherein the insulative housing defines a pair of slots to receive the intermediate portion of the grounding tab.

9. The electrical connector as described in claim 1, wherein the grounding tab comprises an angled portion between the intermediate portion and the solder tail.

10. The electrical connector as described in claim 1, further comprising a first terminal module and a second terminal module stackedly arranged with the first terminal module, wherein the first and the second module are retained in the receiving space of the insulative housing and comprise a first and a second dielectric bodies insert-molded with the first and the second terminals.

11. The electrical connector as described in claim 10, wherein the first terminal module comprises a spacer insert-molded with the first terminals and assembled to the insulative housing.

12. The electrical connector as described in claim 10, wherein a key extends upwardly from the second dielectric body toward the first dielectric body.

13. The electrical connector as described in claim 1, further comprising a rear

shell covering a rear face of the insulative housing and engaging with the outer shell.

14. The electrical connector as described in claim 1, further comprising a second grounding tab, wherein the mating portion defines a second channel receiving the second grounding tab and wherein the inner shell comprises a second grounding leg extending into the second channel and electrically connecting with the second grounding tab.

15. An electrical connector comprising:

an insulative housing including a mating portion with a receiving space therein, a pair of horizontal channels communicatively located on two sides of receiving space;

a metallic inner shell received in the receiving space with a pair of horizontal grounding legs extending into the corresponding channels;

a plurality of terminals disposed in the housing and further into the inner shell;

a metallic outer shell enclosing said housing; and

a pair of grounding tabs inserted into the housing from a rear face of the housing and laterally located between said inner shell and said outer shell; wherein

each of said grounding tabs includes a horizontal contacting portion mechanically and electrically engaged with the corresponding grounding leg in the channel.

16. The connector as described in claim 15, wherein said pair of channels are

located below said receiving space.